Model PRC

PANEL RADIATOR SPECIFICATIONS

Specifications
Provide steel panel radiator elements of lengths and in locations as indicated, and of capacities, style, and having accessories as scheduled. The ceiling hung heating panel radiation shall be of one-piece all-welded steel construction, consisting of flattened water tubes welded to headers at each end.

All radiator header pipes are square 0.109" minimum wall thickness. The headers shall include all necessary inlet, outlet and vent connections as required. Standard connection sizes are ½", NPT tapered thread for supply and return piping. Internal baffling is provided where required for proper water flow. Option 29, ¾" NPT connections are available at an additional cost, when specified.

The radiant heating panels shall be available in lengths from 2'-0" to 20'-0" in two inch even increments without the need for splicing. Required ceiling mounting hardware (typically threaded rod) is to be provided by the installing contractor. Panel radiation expansion shall not exceed 1/64" per foot of radiation at 215ºF. The installer shall provide adequate expansion compensation for each radiator.

Pressure Ratings:
Pressure ratings for the radiation shall be as follows:

LOW (Standard)- .048" minimum wall thickness. Working pressure 56-PSI maximum, Test Pressure-74 PSI maximum

OR

MEDIUM (Optional)- .058" minimum wall thickness. Working pressure 85-PSI maximum, Test Pressure-110 PSI maximum

OR

HIGH (Optional)- .078" minimum wall thickness. Working pressure 128-PSI maximum, Test Pressure 184 PSI maximum

Finishes:
The panel radiation shall be cleaned and phosphatized in preparation for the powder coat finish. The radiation is then finish painted with a gloss powder coat finish, for a total paint thickness of 2-3 mils (0.002" - 0.003"). The color shall be selected from Vulcan's standard commercial colors. Optional custom colors shall be available at and additional cost.

Warranty:
A 5-Year Limited Warranty covers all Vulcan panel radiators.

Options:
Option 19, ¾" NPT connections are available at an additional cost, when specified.

Vulcan
RADIATOR